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INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 7 : C07K 14/00		A2	(11) International Publication Number: WO 00/26236 (43) International Publication Date: 11 May 2000 (11.05.00)
(21) International Application Number: PCT/CA99/01057 (22) International Filing Date: 29 October 1999 (29.10.99)		(81) Designated States: CA, JP, US, European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE).	
(30) Priority Data: 60/106,258 30 October 1998 (30.10.98) US		Published <i>Without international search report and to be republished upon receipt of that report.</i>	
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(54) Title: CADHERIN-11 EXPRESSION, AN ASSAY AND TREATMENT FOR CELLULAR INVASIVENESS

(57) Abstract

A method of modulating differentiation or neoplastic transformation of cells is provided in which the cells are caused to increase or decrease cad-11 expression or function. Such method has application in affecting differentiation or neoplastic transformation of cells, preventing or terminating pregnancy by altering cad-11 function or expression in trophoblast cells, or for reducing the viability of carcinoma cells having a low to moderate metastatic potential. The use of agents which increase or decrease cad-11 expression or function is also provided, including such use for preparation of medicaments for modulating differentiation or neoplastic transformation of cells. A method for assessing the metastatic potential of carcinoma cells is also provided.